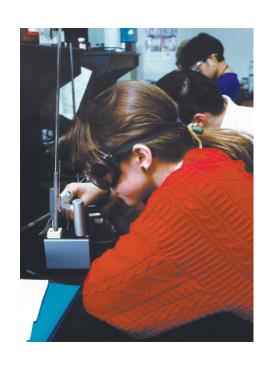


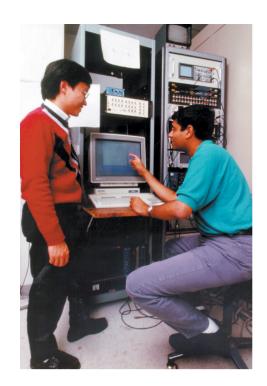
NASA

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Why NASA Education

- NASA inspires learners of all ages as no other agency can.
- NASA can make a unique contribution to the national crisis in science, technology, engineering, and math education.
- NASA can contribute to the Nation's demonstrated need for developing S&E workforce
- Knowledge dissemination is mandated by Space Act

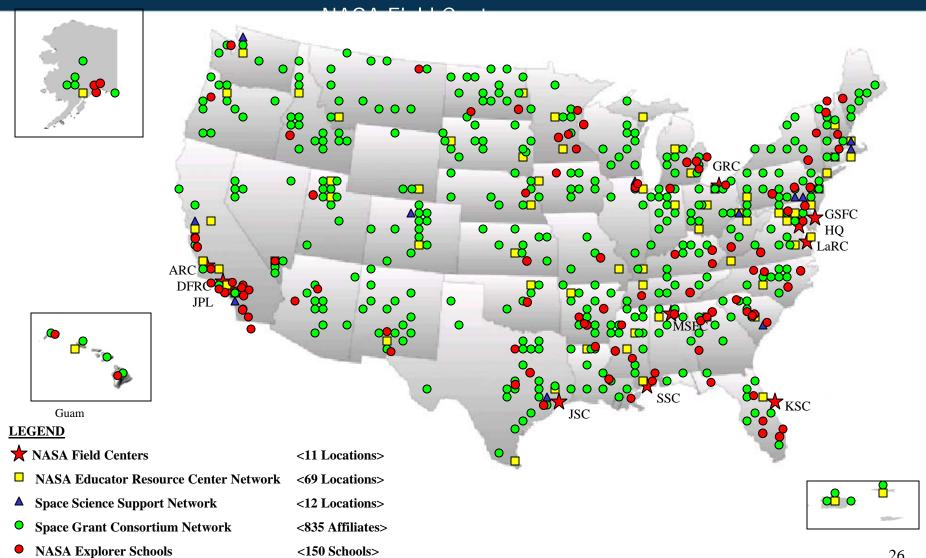


Education provides NASA

- Sustainability for the Vision
 - Creating the workforce
 - Maintaining public support for programs that take decades to achieve
- Nationwide communication networks
- Highly visible activities that are important to stakeholders

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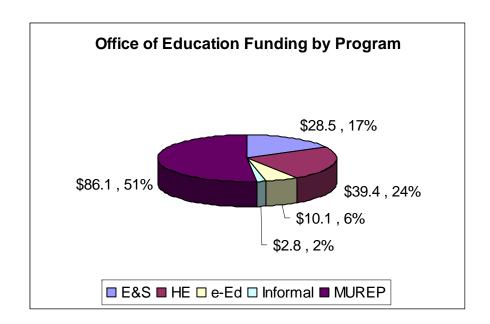
Education Opportunities







FY 2006 Budget Request - Overview



HIGHLIGHTS

- Total requested new budget authority is \$166.9 million,
- \$28.5 million for the Elementary & Secondary Education program to make available NASA-unique strategies, tools content, and resources supporting the K-12 education community's effort to increase student interest and academic achievement in STEM disciplines.
- <u>\$39.4</u> million for the Higher Education program to attract and prepare students for NASA-related careers, and enhance the research competitiveness of the Nation's colleges and universities by providing opportunities for faculty and university-based research.
- \$10.1 million for the e-Education program to develop and deploy technology applications, products, services and infrastructure that would enhance the educational process for formal and informal education.
- \$2.8 million for the Informal Education program to establish the forum for informal education community efforts to inspire the next generation of explorers and make available NASA-unique strategies, tools, content, and resources to enhance their capacity to engage in STEM education.
- \$86.1 million for the Minority University Research and Education program to attract and prepare underrepresented and underserved students for NASA-related careers and enhance competitiveness of minority-serving institutions by providing opportunities for faculty and university- and college-based research.

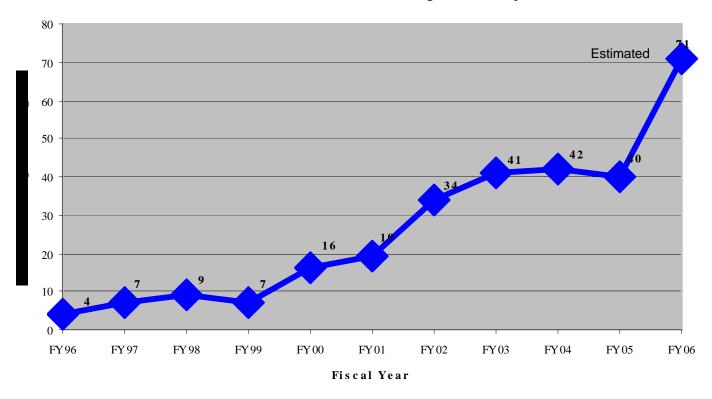


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Congressional Priorities

$Congressionally\ Directed\ Appropriations\ ,\ 1996-2006$

Growth in Number of Designated Projects







Education Implementation Plan

Develop a detailed plan for NASA Education with:

- Alignment to Agency Strategic Plan
- Clearly defined and coordinated portfolio approach
- Clearly defined roles and responsibilities
- Evaluation strategy mapped for effectiveness against Agency's strategic goals

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Challenges

- Education Portfolio
- Congressional Priorities





Rising Above the Gathering Storm: Energizing and Employing America for a Brighter Economic Future

National Academy of Sciences, National Academy of Engineering, and Institute of Medicine

"It is easy to be complacent about US competitiveness and pre-eminence in science and technology. We have led the world for decades, and we continue to do so in many research fields today. But the world is changing rapidly, and our advantages are no longer unique.

We owe our current prosperity, security, and good health to the investments of past generations, and we are obliged to renew those commitments in education, research, and innovation policies to ensure that the American people continue to benefit from the remarkable opportunities provided by the rapid development of the global economy and its not inconsiderable underpinning in science and technology."





BACK-UP

